

CUMULATIVE INDEXES

CONTRIBUTING AUTHORS VOLUMES 3-7

A
Astaurov, B. L., 3:99
Auerbach, C., 5:163

B
Bonhoeffer, F., 3:233
Boyse, E. A., 3:269
Brink, R. A., 7:129
Brown, D. D., 3:127
Buettner-Janusch, J., 4:
47

C
Carr, D. H., 5:65
Chase, G. A., 7:435
Clark, A. J., 7:87

D
da Cunha, A. B., 3:425
Davies, J., 6:203
Dawid, I. B., 3:127
Doermann, A. H., 7:
325
Drake, J. W., 3:247

E
Echols, H., 6:157
Edelman, G. M., 6:1
Emerson, S., 5:1

F
Fincham, J. R. S., 4:
347
Fitch, W. M., 7:343
Fogel, S., 5:219
Fristrom, J. W., 4:325

G
Gabor, M., 4:193
Galinat, W. C., 5:447
Gally, J. A., 6:1
Gartler, S. M., 5:143
Georgiev, G. P., 3:155
Goodenough, U. W., 4:
397
Gorini, L., 4:107
Gross, S. R., 3:
395

H
Harris, H., 5:5
Hartwell, L. H., 4:373
Henderson, S. A., 4:295
Herskowitz, I., 7:289
Hildemann, W. H., 7:19
Holloway, B. W., 5:425
Hooker, A. L., 5:407
Hopkinson, D. A., 5:5
Hotchkiss, R. D., 4:193
Hotta, Y., 7:37
Hsu, T. C., 7:153

J
Joklik, W. K., 5:297

K
Kilbey, B. J., 5:163
Knudson, A. G. Jr., 3:1
Krishnapillai, V., 5:425
Kubai, D. F., 4:263

L
Laird, C. D., 7:177
Levine, M., 3:323
Levine, R. P., 4:397
Levins, R., 4:469
Lewontin, R. C., 7:1
Libby, W. J., 3:469
Lin, E. C. C., 4:225
Livingstone, F. B., 5:33
Lucchesi, J. C., 7:225
Luria, S. E., 4:177

M
Mäkelä, P. H., 3:291
Martin, D. W. Jr., 4:91
Martin, R. G., 3:181
McClearn, G. E., 4:437
McKusick, V. A., 4:1;
7:435
Messer, W., 3:233
Metzenberg, R. L., 6:
111
Mortimer, R. K., 5:219
Morton, N. E., 3:53

N
Nathenson, S. G., 4:69

Nesbitt, M. N., 5:143
Nicoletti, B., 4:409
Nomura, M., 6:203

O
Ohno, S., 3:495
Old, L. J., 3:269

P
Parsons, P. A., 7:239
Pavan, C., 3:425
Postlethwait, J. H., 7:
381
Pratt, D., 3:343
Preer, J. R. Jr., 5:361

R
Radding, C. M., 3:363;
7:87
Renwick, J. H., 5:81
Revel, H. R., 4:177
Reznikoff, W. S., 6:133
Ris, H., 4:263

S
Sammata, K. P. V., 4:
469
Sandler, L., 4:409
Saxena, K. M. S., 5:407
Schneiderman, H. A., 7:
381
Sears, E. R., 3:451
Seltz, F. W., 3:469
Sherman, F., 5:257
Smith, J. D., 6:235
Stadler, D. R., 7:113
Stamatoyannopoulos, G., 6:
47
Stanisich, V., 5:425
Steffensen, D. M., 7:205
Steinberg, A. G., 3:25
Stern, H., 7:37
Stettler, R. F., 3:469
Stewart, J. W., 5:257
Stimpfing, J. H., 5:121
Stocker, B. A. D., 3:291
Summers, W. C., 6:191
Susman, M., 4:135

T
Thomas, C. A. Jr., 5:237

502 CONTRIBUTING AUTHORS

Tomasz, A., 3:217	W	Witkin, E. M., 3:525
Tomkins, G. M., 4:91		Z
V	Westergaard, M., 6:71	Zimmering, S., 4:409
	White, M. J. D., 3:75	Zubay, G., 7:267
	Willetts, N., 6:257	Zweerink, H. J., 5:297
von Wettstein, D., 6:71	Wimber, D. E., 7:205	

CHAPTER TITLES VOLUMES 3-7

INTRODUCTORY CHAPTERS		
Alfred Henry Sturtevant	S. Emerson	5:1-4
BACTERIAL GENETICS		
Control of Gene Expression	R. G. Martin	3:181-216
Some Aspects of the Competent State in Genetic Transformation	A. Tomasz	3:217-32
Replication of the Bacterial Chromosome	F. Bonhoeffer, W. Messer	3:233-46
General Bacterial Genetics	M. Susman	4:135-76
DNA-Glucosylation in T-Even Phage: Genetic Determination and Role in Phage-Host Interaction	H. R. Revel, S. E. Luria	4:177-92
Bacterial Transformation, with Special Reference to Recombination Process	R. D. Hotchkiss, M. Gabor	4:193-224
Pseudomonas Genetics	B. W. Holloway, V. Krishnapillai, V. Stanisich	5:425-46
The Genetics of Transmissible Plasmids	N. Willetts	6:257-68
Recombination Deficient Mutants of E. Coli and Other Bacteria	A. J. Clark	7:67-86
BIOCHEMICAL GENETICS		
Genetics of Polysaccharide Biosynthesis	P. H. Mäkelä, B. A. D. Stocker	3:291-322
The Genetics of Bacterial Transport Systems	E. C. C. Lin	4:225-62
Biochemical Genetics of Yeast	L. H. Hartwell	4:373-96
The Genetics of Photosynthesis and of the Chloroplast in Chlamydomonas Reinhardt	R. P. Levine, U. W. Goodenough	4:397-408
Recent Work on Isozymes in Man	D. A. Hopkinson, H. Harris	5:5-32
Genetics and Biosynthesis of Cytochrome c	F. Sherman, J. W. Stewart	5:257-96
Genetic Regulatory Systems in Neurospora	R. L. Metzenberg	6:111-32
CHROMOSOME BEHAVIOR		
The Time and Place of Meiotic Crossing-Over	S. A. Henderson	4:295-324
Biochemical Controls of Meiosis	H. Stern, Y. Hotta	7:37-66
Paramutation	R. A. Brink	7:129-52
CHROMOSOME STRUCTURE		
Chromosome Structure	H. Ris, D. F. Kubai	4:263-94
The Synaptnemal Complex	M. Westergaard, D. von Wettstein	6:71-110
Longitudinal Differentiation of Chromosomes	T. C. Hsu	7:153-76
Localization of Gene Function	D. E. Wimber, D. M. Steffensen	7:205-23
DEVELOPMENTAL GENETICS		
Developmental Genetics	D. D. Brown, I. B. Dawid	3:127-54
Informational Suppression	L. Gorini	4:107-34
Mechanisms of Meiotic Drive	S. Zimmering, L. Sandler, B. Nicoletti	4:409-36

The Applications of Genetic Mosaicism to Developmental Problems	M. N. Nesbitt, S. M. Gartler	5:143-62
Developmental Genetics of <i>Drosophila</i> Imaginal Discs	J. H. Postlethwait, H. A. Schneiderman	7:381-433
EXTRACHROMOSOMAL INHERITANCE		
The Developmental Biology of <i>Drosophila</i> Extrachromosomal Inheritance: Hereditary Symblonts, Mitochondria, Chloroplasts	J. W. Fristrom	4:325-46
FUNGAL GENETICS	J. R. Preer Jr.	5:361-406
Genetic Regulatory Mechanisms in the Fungi	S. R. Gross	3:395-424
Fungal Genetics	J. R. S. Fincham	4:347-72
Recombination in Yeast	S. Fogel, R. K. Mortimer	5:219-36
The Mechanism of Intragenic Recombination	D. R. Stadler	7:113-27
GENE MUTATION		
Mutagenic Mechanisms	J. W. Drake	3:247-68
Ultraviolet-Induced Mutation and DNA Repair	E. M. Witkin	3:525-52
Mutation in Eukaryotes	C. Auerbach, B. J. Kilbey	5:163-218
HUMAN GENETICS		
Globulin Polymorphisms in Man	A. G. Steinberg	3:25-52
Human Genetics	V. A. McKusick	4:1-46
Malaria and Human Polymorphisms	F. B. Livingstone	5:33-64
Genetic Basis of Abortion	D. H. Carr	5:65-80
The Mapping of Human Chromosomes	J. H. Renwick	5:81-120
Recombination Within a Histocompatibility Locus	J. H. Stimpfling	5:121-42
The Genetic Control of Immunoglobulin Synthesis	J. A. Gally, G. M. Edelman	6:1-46
Human Genetics	V. A. McKusick, G. A. Chase	7:435-73
IMMUNOGENETICS		
Some Aspects of Normal and Abnormal Cell Surface Genetics	E. A. Boyse, L. J. Old	3:269-90
Evolution of Serum Protein Polymorphisms	J. Buettner-Janusch	4:47-68
Biochemical Properties of Histocompatibility Antigens	S. G. Nathenson	4:69-90
The Molecular Basis of Hemoglobin Disease	G. Stamatoyanopoulos	6:47-70
MAMMALIAN GENETICS		
Experimental Polyploidy in Animals	B. L. Astaurov	3:99-126
Genetics of Immune Responsiveness	W. H. Hildemann	7:19-36
MOLECULAR GENETICS		
The Operon Revisited	W. S. Reznikoff	6:133-56
Genetics of Transfer RNA	J. D. Smith	6:235-56
In Vitro Synthesis of Protein in Microbial Systems	G. Zubay	7:267-87
Control of Gene Expression in Bacteriophage Lambda	I. Herskowitz	7:289-324
POPULATION GENETICS		
Human Population Structure	N. E. Morton	3:53-74
Chromosomal Rearrangements and Speciation in Animals	M. J. D. White	3:75-98
Population Genetics	R. C. Lewontin	7:1-17
Aspects of Molecular Evolution	W. M. Fitch	7:343-80
RECOMBINATION		
The Genetic Organization of Chromosomes	C. A. Thomas Jr.	5:237-56
Molecular Mechanisms in Genetic Recombination	C. M. Radding	7:87-111
REGULATION OF GENE AND CHROMOSOME FUNCTION		
Histones and the Control of Gene Action	G. P. Georgiev	3:155-80
Hormones and Gene Expression	G. M. Tomkins, D. W. Martin Jr.	4:91-106
Dosage Compensation in <i>Drosophila</i>	J. C. Lucchesi	7:225-37
VIRAL GENETICS		
Phage Morphogenesis	M. Levine	3:323-42
T4 and the Rolling Circle Model of Replication	A. H. Doermann	7:325-41
Genetics of Single-Stranded DNA		

504 CHAPTER TITLES

Bacteriophages	D. Pratt	3:343-62
The Genetic Control of Phage-Induced Enzymes	C. M. Radding	3:363-94
The Morphogenesis of Animal Viruses	W. K. Joklik, H. J. Zweerink	5:297-360
Developmental Pathways for the Temperate Phage: Lysis vs Lysogeny	H. Echols	6:157-90
Regulation of RNA Metabolism of T7 and Related Phages	W. C. Summers	6:191-202
SPECIAL TOPICS		
Chromosomal Activities in Rhynchosciara and Other Sciaridae	C. Pavan, A. B. da Cunha	3:425-50
Wheat Cytogenetics	E. R. Sears	3:451-68
Forest Genetics and Forest Tree Breeding	W. J. Libby, R. F. Stettler, F. W. Seitz	3:469-94
Evolution of Sex Chromosomes in Mammals	S. Ohno	3:495-524
Behavioral Genetics	G. E. McClearn	4:437-68
Genetics and Ecology	K. P. V. Sannata, R. Levins	4:469-88
Genetics of Disease Resistance in Plants	A. L. Hooker, K. M. S. Saxena	5:407-24
The Origin of Maize	W. C. Galinat	5:447-78
The Genetics of Bacterial Ribosomes	J. Davies, M. Nomura	6:203-34
DNA of Drosophila Chromosomes	C. D. Laird	7:177-204
Genetics of Resistance to Environmental Stresses in Drosophila Populations	P. A. Parsons	7:239-65

